

## SEQUENCE LISTING

&lt;110&gt; Joelle THONNARD

&lt;120&gt; Novel Compounds

&lt;130&gt; BM45402

&lt;150&gt; 9918041.6

&lt;151&gt; 1999-07-30

&lt;160&gt; 4

&lt;170&gt; FastSEQ for Windows Version 4.0

&lt;210&gt; 1

&lt;211&gt; 405

&lt;212&gt; DNA

&lt;213&gt; Moraxella catarrhalis

&lt;400&gt; 1

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&lt;210&gt; 2

&lt;211&gt; 134

&lt;212&gt; PRT

&lt;213&gt; Moraxella catarrhalis

&lt;400&gt; 2

Met	Met	Lys	Ile	Leu	Tyr	Val	Thr	Ala	Thr	Leu	Met	Thr	Ala	Phe	Thr
1				5					10					15	
Leu	Ala	Ser	Cys	Ala	Ser	Thr	Pro	Glu	Ser	Asn	Pro	Lys	Asn	Ser	Ser
			20					25					30		
Ala	Asn	Leu	Thr	Thr	Ser	Leu	Ile	Lys	His	Ala	Val	Lys	Gln	Thr	Cys
		35				40						45			
Gln	Thr	Gln	Leu	Thr	Gly	His	Gln	Tyr	Trp	Lys	Ile	Ala	Ala	Met	Lys
	50				55					60					
Leu	Ser	Ser	Glu	Ser	Lys	Ala	Lys	Ile	Ser	Glu	Thr	Ala	Cys	Gly	Cys
65				70					75					80	
Val	Ala	Asp	Lys	Ala	Pro	Glu	Ala	Val	Ser	Leu	Thr	Glu	Leu	Thr	Thr
			85					90					95		
Ala	Ala	Ile	Asn	Pro	Asn	Ala	Arg	Thr	Glu	Val	Ala	Gln	Lys	Ile	Val
			100				105					110			
Arg	His	Ser	Leu	Lys	Pro	Cys	Met	Leu	Glu	Thr	Val	Asn	Ala	Phe	Ile
		115				120						125			
Val	Pro	Thr	Thr	Thr	Arg										

130

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<211> 40  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> primer

<400> 3  
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<210> 4  
<211> 60  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> primer

<400> 4  
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